

Worksheet – Answer Key
Temperature (Unit 7 – compounds)

Name: _____

Write the name for each of the following compounds.

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|--------------------------------------|----------------------|------------------------------|---------------------|
| 1. CaCO_3 | calcium carbonate | 11. BaSO_4 | barium sulfate |
| 2. NaCl | sodium chloride | 12. $\text{Fe(NO}_3)_2$ | iron(II) nitrate |
| 3. Li_2CO_3 | lithium carbonate | 13. CuSO_4 | copper(II) sulfate |
| 4. AgCl | silver chloride | 14. NiCl_2 | nickel(II) chloride |
| 5. $\text{Ca}_3(\text{PO}_4)_2$ | calcium phosphate | 15. NaOH | sodium hydroxide |
| 6. Ba(OH)_2 | barium hydroxide | 16. PbCl_2 | lead(II) chloride |
| 7. Na_2S | sodium sulfide | 17. KNO_3 | potassium nitrate |
| 8. $\text{Na}_2\text{S}_2\text{O}_3$ | sodium tetrathionate | 18. Mg(OH)_2 | magnesium hydroxide |
| 9. $\text{Na}_2\text{C}_2\text{O}_4$ | sodium oxalate | 19. Li_2CO_3 | lithium carbonate |
| 10. CH_3COOH | acetic acid | 20. NaCl | sodium chloride |

Write the chemical formula for each of the following compounds.

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|------------------------|-------------------------|--------------------------|------------------------------|
| 21. sodium chloride | NaCl | 31. potassium carbonate | K_2CO_3 |
| 22. iron(III) oxide | Fe_2O_3 | 32. silver sulfate | Ag_2SO_4 |
| 23. aluminum hydroxide | Al(OH)_3 | 33. nickel(II) carbonate | NiCO_3 |
| 24. ammonium hydroxide | NH_4OH | 34. calcium phosphate | $\text{Ca}_3(\text{PO}_4)_2$ |
| 25. magnesium chloride | MgCl_2 | 35. copper(II) nitrate | $\text{Cu(NO}_3)_2$ |
| 26. calcium chloride | CaCl_2 | 36. magnesium sulfate | MgSO_4 |
| 27. copper(II) oxide | CuO | 37. aluminum oxide | Al_2O_3 |
| 28. potassium sulfate | K_2SO_4 | 38. barium nitrate | $\text{Ba(NO}_3)_2$ |
| 29. zinc oxide | ZnO | 39. lead(II) sulfate | PbSO_4 |
| 30. barium sulfate | BaSO_4 | 40. tin(II) carbonate | SnCO_3 |